

CLAIMS

1. Assembly for a drive including a first element rotatable about a first axis and including a first pulley, a second element rotatable about a second axis and including a second pulley, and a continuous, flaccid member extending between the first and second pulleys, with the first and second axes being in a spaced parallel relation, with the assembly comprising, in combination: a first guard quarter; a second guard quarter, and a guard half, with the first guard quarter being fixed relative to the first element and receiving a portion of the first pulley and being spaced from the second pulley, with the second guard quarter being movable relative to the second element between a guard position receiving a portion of the second pulley and spaced from the first pulley and an access position being spaced from the second pulley, with the guard half being movable relative to the first and second guard quarters between a closed position receiving a remaining portion of the first pulley and also receiving a remaining portion of the second pulley and an open position allowing access to the first and second pulleys, with the guard half being secured relative to the second guard quarter to prevent the second guard quarter from being moved from the guard position to the access position when the guard half is secured relative to the second guard quarter.

2. The assembly of claim 1 further comprising, in combination: an idler secured to the guard half and adapted to engage the continuous, flaccid member when the guard half is located in the closed position.

3. The assembly of claim 2 with the second guard quarter being pivotal about a third axis between the guard position and the access position, with the guard half abutting with the second guard quarter in the guard position.

4. The assembly of claim 3 with the guard half being pivotal about a fourth axis between the closed position and the open position, with the fourth axis being perpendicular to the third axis.

5. The assembly of claim 4 with the fourth axis being parallel to and spaced from the first and second axes.

6. The assembly of claim 5 further comprising, in combination: a cover pivotable about the third axes, with the second guard quarter being secured to the cover, with the cover including an opening through which the second pulley extends in the guard

position, with the guard half in the closed position abutting with the cover in the guard position to prevent pivoting of the cover about the third axis.

7. The assembly of claim 6 further comprising, in combination: a plate adapted to be rotatable with the second element and of a size larger than the opening, with the cover located intermediate the plate and the second pulley in the guard position.

8. The assembly of claim 7 further comprising, in combination: a planar mount extending generally tangential to the second element and spaced from the second axis, with the cover including a wall extending generally parallel to and spaced from the planar mount and opposite of the second axis than the planar mount, with the planar mount, the plate, the cover and the wall defining an enclosure for the second element.

9. The assembly of claim 8 with the planar mount adapted to mount a motor comprising the first element, with the motor located on the opposite side of the planar mount than the second element.

10. The assembly of claim 6 with the first guard quarter including an open end, an open side, a closed end, a closed side and a closed top, with the second guard quarter including an open end, an open side, a closed end, a closed side and a closed top, with the guard half including an open side, closed first and second ends, and a closed top, with the closed tops of the first and second guard quarters and the guard half preventing access to the first and second elements generally parallel to the first and second axes and the closed ends and the closed sides of the first and second guard quarters and the guard half preventing access to the first and second elements generally perpendicular to the first and second axes when the second guard quarter is in the guard position and the guard half is in the closed position.

11. A rotary cutter for a die comprising, in combination: a cutter head adapted to be rotated about an axis relative to the die, with the cutter head including a periphery; at least a first blade holder extending radially from the cutter head beyond the periphery, with the blade holder including a knife support surface extending in a plane intersecting with the axis at an angle other than perpendicular; and a knife removably attached to the blade holder at a single, nonvariable and nonadjustable potential position, with the knife in the single, nonvariable and nonadjustable potential position abutting with the knife support surface and being held at the angle of the knife support surface, with the blade holder and the cutter head being integrally formed as a single component such that the angle of the

knife support surface and the knife attached to the blade holder can not be varied relative to the axis.

12. The rotary cutter of claim 11 further comprising, in combination: shoulders extending from opposite edges of the knife support surface and spaced from the knife support surface for slideable receipt of the knife parallel to the knife support surface.

13. The rotary cutter of claim 12 with the knife including an aperture; and with the blade holder including a detent for receipt in the aperture for selectively preventing sliding of the knife parallel to the support surface.

14. The rotary cutter of claim 13 with the knife including a cutting edge, a rear edge, and first and second side edges, with the aperture being spaced from the cutting, rear, and side edges.

15. The rotary cutter of claim 14 with the detent being integrally formed as a single component with the knife support surface, with the detent including an inclined surface extending at a small acute angle to the knife support surface terminating in a stop surface extending generally perpendicular to the knife support surface.

16. The rotary cutter of claim 15 further comprising, in combination: a groove formed in one of the knife and the knife support surface adapted to receive a tool between the knife and the knife support surface to flex the knife to remove the detent from the aperture.

17. The rotary cutter of claim 11 with the knife being restrained to slide along a single slide direction parallel to the knife support surface, with the knife including an aperture; and with the blade holder including a detent for receipt in the aperture for selectively preventing sliding of the knife parallel to the support surface along the single slide direction.

18. The rotary cutter of claim 17 further comprising, in combination: a groove formed in one of the knife and the knife support surface adapted to receive a tool between the knife and the knife support surface to flex the knife to remove the detent from the aperture.

19. The rotary cutter of claim 18 with the detent being integrally formed as a single component with the knife support surface, with the detent including an inclined surface extending at a small acute angle to the knife support surface terminating in a stop surface extending generally perpendicular to the knife support surface.

20. The rotary cutter of claim 19 with the knife including a cutting edge, a rear edge, and first and second side edges, with the aperture being spaced from the cutting, rear, and side edges.

21. A rotary cutter for a die comprising, in combination: a cutter head adapted to be rotated about an axis relative to the die; at least a first blade holder extending radially from the cutter head; a knife including an aperture, with the blade holder including a knife support surface, with the knife being restrained to slide along a single slide direction parallel to the knife support surface, and with the blade holder including a detent for receipt in the aperture for selectively preventing sliding of the knife parallel to the support surface along the single slide direction.

22. The rotary cutter of claim 21 further comprising, in combination: a groove formed in one of the knife and the knife support surface adapted to receive a tool between the knife and the knife support surface to flex the knife to remove the detent from the aperture.

23. The rotary cutter of claim 22 with the detent being integrally formed as a single component with the knife support surface, with the detent including an inclined surface extending at a small acute angle to the knife support surface terminating in a stop surface extending generally perpendicular to the knife support surface.

24. The rotary cutter of claim 23 with the knife including a cutting edge, a rear edge, and first and second side edges, with the aperture being spaced from the cutting, rear, and side edges.

25. The rotary cutter of claim 24 further comprising, in combination: shoulders extending from opposite edges of the knife support surface and spaced from the knife support surface for slideable receipt of the knife parallel to the knife support surface.

26. Assembly for a drive including a first element rotatable about a first axis, a second element rotatable about a second axis spaced from and parallel to the first axis, and an assemblage rotatably interconnecting the first and second elements, comprising, in combination: a planar mount extending generally tangential to the second element and spaced from the second axis; a cover including a first wall spaced from the planar mount and opposite of the second axis than the planar mount, with the cover further including a second wall extending from the first wall, with the cover being pivotal between an enclosure position and an access position, with the first and second walls and the planar

mount defining an enclosure for the second element in the closed position and the second wall being spaced from the planar mount in the access position to allow access to the second element; and a guard receiving the assemblage and pivotal about a fourth axis between a guard position and an open position, with the guard in the guard position preventing the cover from pivoting from the enclosure position and allowing the cover to pivot from the enclosure position to the access position in the open position.

27. The assembly of claim 26 with the second wall including an opening through which a portion of the assemblage can extend in the guard position, with the second element including a plate rotatable about the second axis with the second element and of a size larger than the opening.

28. The assembly of claim 27 with the cover further including a receptacle formed on the second wall for receiving the assemblage, with the guard being pivotal relative to the receptacle, with the receptacle and the guard enclosing the assemblage in the enclosure position and the guard position and allowing access to the assemblage in the open position.

29. The assembly of claim 28 with the assemblage including a first pulley connected to the first element, a second pulley connected to the second element, and a continuous, flaccid member extending between the first and second pulleys, with the second pulley extending through the opening in the enclosure position.

30. The assembly of claim 29 further comprising, in combination: an idler secured to the guard and adapted to engage the continuous, flaccid member when the guard is in the guard position and to be disengaged from the continuous, flaccid member when the guard is in the open position.

31. The assembly of claim 30 with the third axis being perpendicular to the first and second axes and with the fourth axis being parallel to the first and second axes.

32. The assembly of claim 26 with the cover further including a receptacle formed on the second wall for receiving the assemblage, with the guard being pivotal relative to the receptacle, with the receptacle and the guard enclosing the assemblage in the enclosure position and the guard position and allowing access to the assemblage in the open position.

33. The assembly of claim 32 with the third axis being perpendicular to the first and second axes and with the fourth axis being parallel to the first and second axes.